






RYEGRASS POLLEN ALLERGEN**Publication number:** JP3504077T**Publication date:** 1991-09-12**Inventor:****Applicant:****Classification:**

- international: **G01N33/53; A61K39/36; A61P37/08; C07K14/00; C07K14/415; C07K16/00; C07K16/16; C07K19/00; C12N1/21; C12N15/09; C12N15/29; C12N15/82; C12P21/02; C12P21/08; C12Q1/68; G01N33/569; G01N33/68; C12R1/19; G01N33/53; A61K39/35; A61P37/00; C07K14/00; C07K14/415; C07K16/00; C07K16/16; C07K19/00; C12N1/21; C12N15/09; C12N15/29; C12N15/82; C12P21/02; C12P21/08; C12Q1/68; G01N33/569; G01N33/68; (IPC1-7): A61K39/36; C07K13/00; C07K15/10; C12N1/21; C12N15/29; C12P21/02; C12Q1/68; G01N33/53**

- European: C07K14/415; C07K16/16; C12N15/82C8D2; G01N33/569; G01N33/569F; G01N33/68V

Application number: JP19890503699 19890323**Priority number(s):** AU1988PI07391 19880323**Also published as:**

 WO8909260 (A1)
 EP0406286 (A1)
 EP0406286 (A4)
 EP0406286 (A0)
 DK228190 (A)

[more >>](#)[Report a data error here](#)

Abstract not available for JP3504077T

Abstract of corresponding document: **WO8909260**

The major allergenic protein LOI pl from pollen of ryegrass *Lolium perenne* L. is produced by recombinant DNA techniques. The DNA sequence encoding the above protein, expression vectors, host transformed and cell lines containing the coding sequence for LOI pl protein are also described. The use of the above DNA sequences and recombinant protein in nucleic hybridization, tissue specificity diagnosis and detection of specific antibodies in biological samples are also disclosed. The possible use of the promoter sequence of LOI pl in the developmental regulation of LOI pl gene expression or any other gene during the development of the pollen, in inhibiting pollen development or function and inducing nuclear male sterility are also disclosed.

.....
Data supplied from the **esp@cenet** database - Worldwide